

# Mini5™



# Mini6™

Mini5 & Mini6 are recognised low cost structured cabling brands In the UK, with a reputation for high quality and lower associated installed costs. Both Mini5 & Mini6 solutions are available to approved installers, as a 25-year installer's warranty. All products meet ROHS compliancy.

PAGES

### Mini5 CAT5e Structured Cabling Solution

1 - 8

Mini5 is a CAT5e punch down solution for UTP or FTP installations utilising dual punch down connection blocks. The wall plates are available as standard UK size frames with European/North American styles available to special order. Patch Panels can be supplied in either flat or angled outlet types and are non-modular. The premise wiring cable is available in PVC or LSOH and is metre marked for ease of installation. Easy pull 305Mtr boxes with anti snagging design ensure less down time for the discerning professional.

### Mini6 CAT6 Structured Cabling Solution

9 - 14

Mini6 is a CAT6 UTP and CAT6a 10Gig STP punch down modular solution, where the keystone jack is used for both the panel & wall outlet. Two versions of the UTP jack are available, the lower cost version meeting & exceeding the CAT6 standard and the CAT6+, which meets the CAT6 component level standard. The recently introduced CAT6a 10Gig fully shielded jack is a D-embedded product that is also modular in design & is suitable for a specially designed patch panel with enhanced grounding features. The UTP Mini6 cable is LSOH grey as standard and is supplied in easy pull 305Mtr boxes with anti snagging design. The CAT6a shielded 10Gig solution is available as standard in LSOH reels of 500 or 1000Mtr.

### Mini5/6 Fibre Patch panels, Cables & Accessories

15 - 22

The range of Mini5 fibre products compliment both the CAT5e & CAT6/6a structured cabling systems. Both Singlemode OS1 & Multimode OM1, OM2 & OM3 patch panels, cables and accessories offer quality together with lower installed costs.

### Mini5/6 Voice Products, Enclosures & Accessories

23 - 34

Mini5 Voice products are an ideal compliment to the CAT5e & CAT6 range of structured cabling products. A wide range of wall boxes & floor standing enclosures have been carefully designed to accommodate data, fibre & voice structured cabling solutions.

### Mini5/6 SOHO Residential Cabling

35 - 36

Designed as a compact 10inch rack mounted solution as an alternative to the Internationally recognised 19inch standard. The 10inch offers a more compact presentation for CAT5e/CAT6 & fibre structured cabling requirements for both domestic (home) or small office environments.

### Mini5/6 SOHO Audio Visual Cabling

37 - 38

Standard 25x50mm white audio visual modules, available in; SVGA, Component Video, Composite Video, USB, Coaxial F Type, Audio RCA & Speakers. Professional versions have heavy duty double clips for better retention within the frame and also have port Identification as standard.

### Mini5 Ethernet Switches

39 - 40

Mini5 switches are available with both dumb and managed functionality for either 10/100Mbps Ethernet or gigabit fast Ethernet (1000mbps) applications. A combination of copper and gigabit fibre port switches are available for the 24-port rack mounted solution only. Media converters for Singlemode & Multimode can be supplied as stand alone units or part of a chassis 19inch mounted system for multi-port applications.



## MINI5 STRUCTURED CABLING

Mini5 structured cabling is a LSA/110 dual punch down solution available in both UTP & STP versions. Both solutions are available with a 25 year installation warranty to accredited Mini5 installation engineers/solution providers.

### Flat Cat5e modules

Flat Cat5e UTP (LSA/110 termination) *MT50-SSMK*

Flat black Cat5e UTP  
(LSA/110 termination) *MT50-SSMKBK*

Shuttered 25x50mm modules with label window.  
For use with **32mm back boxes** (page 30).  
**Termination tool CT19/CT28** (page 25). Used with wallplates shown on page 2.



### Angled modules (Cat5e)

Angled CAT5e UTP "Mini5" *MT50-SAMK*

Angled CAT5e STP "Mini5" *MT50-SAMS*

Angled Module only (without jack) *MT50-SAMO*

Shuttered 25x50mm modules with dual punchdown snap in jack. Label window & strain relief. Module without jacks accepts jacks shown right. Snaps into the wallplates (right). 2 modules per single gang frame & 4 per double. Suitable for 32mm back boxes. **CT19/CT28 tooling recommended**, page 25.



### Keystone Jacks (Cat5e)

Cat5e UTP jack *MT50-CAT5E*

Cat5e STP jack *MT50-CAT5ES*

These jacks snap into the unloaded angled 25x50mm module (MT50-SAMO), angled 1j6C module (MT50-SLOA) and quad single gang wallplate (MT50-4000). Jacks are dual punchdown. **CT19/CT28 tooling recommended**, page 25.



### Cat5e UTP Modular Wallplate Kits (flat outlet style) UK size\*

Single gang Cat5e single port wallplate flat frame *MT50-SSDP\**

Single gang Cat5e twin port wallplate flat frame *MT50-DSDP\**

Double gang Cat5e quad port wallplate flat frame *MT50-QSDP\**

For bevelled frame suffix P/no with B

\*Wallplates for other countries available to special order. **CT19/CT28 tooling recommended**, page 25.





## Cat5e Modular Wallplate Kits (angled outlet style UK size\*)

Single gang Cat5e single port wallplate flat frame *MT50-SADP\**

Single gang Cat5e UTP twin port wallplate flat frame *MT50-DADP\**

Double gang Cat5e UTP quad port wallplate flat frame *MT50-QADP\**

\*For bevelled frame suffix P/No with B

\*Wallplates for other countries available to special order. CT19/CT28 tooling recommended, page 25.



## Wallplates & blanks (UK size\*)

Single Gang Flat Wallplate *MT50-1000*

Single gang Bevelled Wallplate *MT50-1000BD*

Single gang Bevelled Black Wallplate *MT50-1000BDBK*

Double Gang Flat Wallplate *MT50-2000*

Double gang Bevelled wallplate *MT50-2000BD*

Double gang Bevelled Black Wallplate *MT50-2000BDBK*

25x50mm Half Blank *MT50-BM25*

12.5x50mm Quarter Blank *MT50-BM125*

25x50mm Half Blank Black *MT50-BM25BK*

12.5x50mm Quarter Blank Black *MT50-BM125BK*

Flat or bevelled design (86x86mm) used with modules shown left. Bevelled wallplates are available in black & white. Single gang faceplates accept 2 x 25x50mm modules, double gang accepts 4 x 25x50mm modules. Modules & wallplates are also available as kits. Please contact our sales office.

\*Wallplates for other countries available.



## 4 Way Single Gang Wallplates (UK size\*)

4 way single gang wallplate without jacks *MT50-4000\**

"Mini5" space saving single gang shuttered wallplate (86x86mm) accepts snap in jacks. Used with 32mm back boxes (page 30).

\*Wallplates for other countries available.

## Cat5e Single Piece wallplates (UK size\*)

Single Gang Cat5e UTP Single Port Wallplate "Mini5" *MT50-SS5E\**

Single Gang Cat5e UTP Twin Port Wallplate "Mini5" *MT50-SD5E\**

Ultra low profile single piece wallplates (86x86mm) accept 21mm deep **back boxes** (see page 30). LSA/Krone termination. (See tools on page 25). With label window. \*Wallplates for other countries available.



## LJ6C Cat5e modules for floor boxes & trunking

Cat5e flat UTP "Mini5" *MT50-SLJKLP*

Cat5e flat black UTP "Mini5" *MT50-SLJKLP-BK*

Dual termination modules (see tooling on page 25) Used primarily in floor box & trunking (also snap into the wall plates below), modules measure 37x22mm. Flat modules are an ultra low profile design.



## LJ6 wall plates (UK size\*)

Single position single gang *MT50-116C*

Twin position single gang *MT50-126C*

Four position double gang *MT50-416C*

Blank module 25mm *MT50-BM6C*

Blank module 12.5mm *MT50-BM6C125*

Accepts the LJ6C modules shown above.

\*UK size 86x86mm.



## Mini5 Cat5e UTP punch down patch panels

Standard panels with label windows

24 port 1U *MP24TL-KRO-CECBK*

48 port 2U *MP48TL-KRO-CECBK*

Cable management panels

24 port 1U *MP24TL-90DEG*

48 port 1U high density *MP48TL-90DEG*

Dual termination LSA/Krone or 110 panels. Standard panel features a slide label system above each block of six numbered RJ45 ports. Both panel types are supplied with cage nuts & cable tie slots. Punch down tool **CT19/CT28 tooling recommended**, page 25. Cable management panels have shuttered ports.





## "Mini5" CAT5e STP punch down patch panel

24 port 1U STP

*MP24S-C5EBK*

Compatible with LSA Krone & 110 punch down tools although the Mini5 CT28 & CT19 hand tool is recommended for the best results. With cable ties & grounding kit. Numbered ports & write on label field as standard.



Style A

## Through coupler Cat5e panels

Cat5e UTP

24 port 1U (style A)

*MP24TP5J*

48 port 2U (style A)

*MP48TP5J*

Cat5e STP

16 port 1U (style B)

*PPRJ45161TS5*

24 port 1U (style B)

*PPRJ45241TS5*

48 port 2U (style B)

*PPRJ45482TS5*

RJ45 ports on front & rear. Just plug in your patch cables. Two types of through coupler panels are available: Style A unshielded (U.T.P.). Style B shielded (S.T.P.).



Style B



## Crossover patch leads

0.5Mtr

*PCT5005YWBK-X*

1Mtr

*PCT5010YWBK-X*

2Mtr

*PCT5020YWBK-X*

3Mtr

*PCT5030YWBK-X*

5Mtr

*PCT5050YWBK-X*

UTP x-over leads are made with yellow cable and a black strain relief boot on one end in order to differentiate them from standard patch leads.

## Mini5 CAT5e LSOH STP patch leads with moulded boots

0.5Mtr grey	PCTM5005ES
1Mtr grey	PCTM5010ES
1.5Mtr grey	PCTM5015ES
2Mtr grey	PCTM5020ES
3Mtr grey	PCTM5030ES
5Mtr grey	PCTM5050ES
10Mtr grey	PCTM5100ES

Boots are moulded flush to the side of the RJ45 plugs to ensure that they can be connected to any RJ45 socket. STP leads are LSOH & supplied in grey. (Coloured cables supplied to special order only).



## Mini5 Cat5e PVC UTP patch leads with moulded boot

Length	
0.5Mtr	PCTB5005*
1Mtr	PCTB5010*
1.5Mtr	PCTB5015*
2Mtr	PCTB5020*
3Mtr	PCTB5030*
5Mtr	PCTB5050*
7.5Mtr	PCTB5075*
10Mtr	PCTB5100*
15Mtr	PCTB5150*
20Mtr	PCTB5200*

For coloured patch leads add the following suffix:  
 Blue=BE, Black=BK, Green=GN, Orange=OE,  
 Purple=PE, Pink=PK, Red=RD, White=VVE, Yellow=YW



Patch leads with moulded boots feature boots that are moulded flush to the side of the RJ45 plugs to ensure that they can be connected to any RJ45 socket.

## Mini5 CAT5e solid cable

### Mini5 CAT5e (305Mtr boxes)

Cat5e UTP grey PVC	UTP4M5SB
Cat5e UTP red PVC	UTP4M5SB-RD
Cat5e UTP blue PVC	UTP4M5SB-BE
Cat5e UTP yellow PVC	UTP4M5SB-YW
Cat5e UTP green PVC	UTP4M5SB-GN
Cat5e UTP violet LSOH	UTP4M5SB-LS
Cat5e FTP grey PVC	FTP4W5SB
Cat5e FTP grey LSOH	FTP4W5SB-LS



Low cost 24 AWG copper solid cable in 305Mtr easy pull boxes. Metre marked from 305Mtrs down-wards to determine how much cable is left in a part used box. Approved for use in the Mini5/6 25yr system warranty programme.

See independently verified test certificates on p8.



## Mini5 External CAT5e UTP solid cable

Cat5e 305 Mtr box *UTP4M5SB-EXT*

External UTP solid cable in a black water resistant polyethylene outer sheath. 24 AWG copper metre marked from 305 mtrs downwards.



## Mini5 CAT5e patch cable

Mini5 Cat5e UTP patch (500 Mtr reels)

Grey PVC	<i>UTP4W5PRE</i>
Blue PVC	<i>UTP4W5PRE-BE</i>
Black PVC	<i>UTP4W5PRE-BK</i>
Green PVC	<i>UTP4W5PRE-GN</i>
Red PVC	<i>UTP4W5PRE-RD</i>
Yellow PVC	<i>UTP4W5PRE-YW</i>
Orange PVC	<i>UTP4W5PRE-OE</i>
White PVC	<i>UTP4W5PRE-WE</i>

Mini5 Cat5e FTP patch

FTP grey PVC (305Mtr box)	<i>FTP4W5PB</i>
FTP grey LSOH (305Mtr box)	<i>FTP4W5PB-LS</i>



Free Hanging



Panel Mount

## Mini5 Couplers

Free hanging couplers

RJ45 CAT5e UTP (White)	<i>RJ45FCBE5</i>
RJ45 CAT5e STP	<i>RJ45FCBS5</i>

Panel mount couplers

RJ45 CAT5e UTP (Black)	<i>RJ45PCBK5J</i>
RJ45 CAT5e STP	<i>RJ45PCSH5J</i>

## Mini5 CAT5e Transition Point

Cat5e UTP *MT50-C5EB*

Cat5e STP *MT50-C5ES*

For punching down and joining two ends of CAT5e cable. Dual punchdown blocks. CT19/CT28 tooling recommended, page 25.



## Decorative wall plates (UK size\*)

Single gang (accepts 2 25x50mm modules) *MT50-1000\*\**

Double gang (accepts 4 25x50mm modules) *MT50-2000\*\**

\*\* Add the following part number suffix: Antique bronze = AB, Brushed stainless steel = BS, Brass roped edge = RE, Polished steel = PS, Satin brass = SB Stepped edge brass = SE. Accepts 25x50mm modules in the Mini5/6, Hubbell, Nexans & Panduit ranges. Also accepts Nexans 50x50mm modules.



## RJ45 splitters

Splits a 4 pair T568A/B jack for 10Base-T (jack 1), & Token Ring or Voice (jack 2) *TMODU4\**

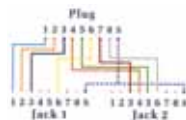
Splits a 4 pair T568A/B jack for 10Base-T applications at either end. *TMODU5\**

Splits a 4 pair T568A/B jack for 1, 2 or 3 pair voice (jack 1) & 1 pair voice/modem (jack 2) *TMODU6\**

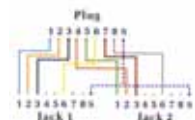
Bridges all jack pairs. Compatible with any jack wiring. Provides an additional jack with the same wiring. *TMODU7\**

RJ45 plug - 2 x RJ45 sockets converts jack style functions as a T adapter, or alters the wiring sequence of a modular jack. 110mm lead length. Supplied with snap on icons for voice (red), and data (blue).

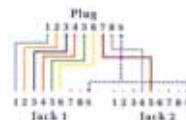
\*For shielded versions with mounting ears add SE to the end of the part number.



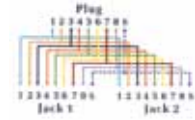
TMODU4



TMODU5



TMODU6



TMODU7



## CERTIFICATE OF CONFORMANCE

This authorizes the application of the ETL Verified Mark shown herein to the products described in the Product Description section when made in accordance with the conditions set forth in the Verification Agreement and Qualification Testing Report.

Certificate Number: 3178845CRL-001a

**Applicant:**

Mini5 Ltd  
Unit 5 Myson Way, Raynham Road Ind Est,  
Bishops Cleeve,  
Hertfordshire, CM22 5JZ, United Kingdom

**Applicant Contact:** Tel: Andrew Griffiths

**Manufacturer:**

Mini5 Ltd,  
Unit 5 Myson Way, Raynham Rd Ind Est,  
Bishops Cleeve Ind Est,  
Hertfordshire, CM22 5JZ, United Kingdom

**Mfg. Contact:** Tel: Andrew Griffiths

**Report No.:** 22041476

**Product Description:** 4 pair, 28 AWG, UTP, Cat, Plenum, Unscreened (Shielded) Cable

**Part Number(s):** UTP4M750

The product has been tested and found to comply with the applicable electrical performance characteristics specified in ANSI/TIA-568-B.2 Category 7e.

This certificate is subject to your participation in the ETL Verification Program, as authorized to apply the ETL Verification Mark. Each marking shall include: ETL Verified to ANSI/TIA 568-B.2 Category 7e.

Continuing compliance to this specification is maintained through production testing. Inspections by Intertek at the production facility and random sample testing.

**Date ETL Verified:** 4/23/2016

**Certificate Issued By:**

*Kathy Beach*  
Kathy Hahn, Program Administration

*Patricia Pollock*  
Patricia Pollock, Engineer

This document supersedes all previous ETL Verified Certificates of Conformance for the stated Certificate Number.

**NOTE:** This certification is part of the full test report(s) and should be read in conjunction with it.

The Verification is for the exclusive use of Intertek U.S. and is provided pursuant to the agreement between Intertek and the Client whereby Intertek and Intertek are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than the Client, in connection with the agreement for any loss, expense or damage (including but not limited to the cost of this Certificate) if the Client is prohibited from using or disclosing this Certificate. All use of the Intertek mark or use of its logo for the sale or advertisement of any goods, product or service must first be approved in writing by Intertek. The above information will be made available to Intertek upon request. This information is available upon request. Intertek, an Intertek U.S. service, can be contacted at Intertek Certification Program.

Intertek  
3901 U.S. Route 91, Corvallis, Oregon, U.S.A. 97331  
Phone Number: (503) 345-4111 or (800) 770-6641 Fax Number: (503) 770-6677



## Compliance Statement

### Unscreened Category 6 ISO/IEC, EN & TIA/EIA Communication Cable

Mini5 Ltd Identification P/N UTP4M6SB

Category 6, Unscreened  
100 Ω, 4 Twisted Pairs, 28 AWG, Plenum Rated, Copper Cable

Mini5 Ltd.,  
Unit 5 Myson Way, Raynham Road Industrial Estate,  
Bishops Stortford, Hertfordshire, CM22 5JZ, England

Compliance Statement No. 10899

This Unscreened ISO/IEC, EN & TIA/EIA Communication Cable has been tested by 3P Third Party Testing and complies with the Category 6 performance requirements of 2<sup>nd</sup> edition ISO/IEC General Cabling Standard 11801, 1<sup>st</sup> edition ISO/IEC General Cabling Standard EN 50173-1:2007, 1<sup>st</sup> edition ISO/IEC General Cabling Standard IEC 61140, and 2<sup>nd</sup> edition IEC Cable Standard 61180-3 and the requirements of TIA/EIA Cable Standard EN 60329-4-1. Flame Retardancy is verified according to IEC 60332-1-2. The cable has EMC Performance Rating 6. The Compliance Statement may be suspended or withdrawn if cable fails to pass a Statement of Qualification Testing performed on a 30 day test interval.

Hertsford, 8<sup>th</sup> January 2016

*Og Lambertson*  
Og Lambertson  
Test Responsible

Hertsford, 8<sup>th</sup> January 2016

*Paul Villars*  
Paul Villars  
Compliance Manager

Intertek Testing - For End User Satisfaction

## Mini6™ MINI6 STRUCTURED CABLING

Mini6 structured cabling is a LSA/110 dual punch down solution available in both UTP & 10gig STP versions. The Cat6 UTP is available in two versions, a lower cost entry level with high performance or component level in the 'Plus' version with increased performance. The recently released Cat6a 10gig shielded solution, takes the Mini6 system to a new level and exceeds the current draft Cat6A. All Mini6 products are available with a 25 year installation warranty to accredited Mini6 installation engineers/solution providers.

### Flat shuttered modules

CAT6 UTP white 25x50mm *MT66-SSMK*

CAT6 UTP black 25x50mm *MT66-SSMMBK*

Flat shuttered modules 25x50mm with dual punchdown LSA/110 termination. Label window as standard. **CT19/28 tooling required.**



### Angled shuttered modules (Component level) kits

Angled CAT6 UTP with punchdown jack *MT66-SAMK+*

Angled CAT6 UTP tool less jack *MT66-TAMK+*

Shuttered 25x50mm modules with dual punchdown snap in jack. Label window & strain relief or tool less jack. Snaps into the wallplates (right). 2 modules per single gang frame & 4 per double. Suitable for 32mm back boxes. **CT19/28 tooling recommended.**



### Wallplates & blanks (UK size\*)

Single gang Flat Wallplate *MT50-1000*

Single gang Bevelled Wallplate *MT50-1000BD*

Single gang Bevelled Black Wallplate *MT50-1000BDBK*

Double gang Flat Wallplate *MT50-2000*

Double gang Bevelled Wallplate *MT50-2000BD*

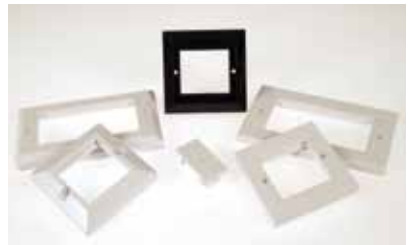
Double gang Bevelled Black Wallplate *MT50-2000BDBK*

25x50mm Half Blank *MT50-BM25\*\**

12.5x50mm Quarter Blank *MT50-BM125\*\**

Flat or bevelled design (86x86mm) used with modules shown left. Bevelled wallplates are available in \*\*black & white. Single gang faceplates accept 2 x 25x50mm modules, double gang accepts 4 x 25x50mm modules.

\*Wall plates for other countries also available.





### Mini6 CAT6 UTP jacks

UTP Black CAT6 component level jack *MT66-U180BK+*

High performance CAT6 dual punch down jack compatible with LSA Krone & 110 tools. With clip on cable strain relief cap. *Snaps into modular panels on next page.*



### Mini6 CAT6 UTP tool-less jack

UTP Black CAT6 component level jack (tool less) *MT66-T180BK+*

New easy to assemble tool less jack suitable for any Mini5/6 keystone module or panel MT66-CM241UBK/CM482BK.



### LJ6C Cat6 modules for floor boxes & trunking

Cat6 flat UTP white non component level *MT66-SLJKLP*

Cat6 flat UTP black non component level *MT66-SLJKBK*

Dual termination modules (see tooling on page 25) Used primarily in floor box & trunking (also snap into the wall plates), modules measure 37x22mm. Flat modules are an ultra low profile design.



### LJ6C Cat6 Angled Modules for Floor Boxes & Trunking

Cat6+ angled UTP component level jack (toolless) *MT66-TSLJK+*

Cat6+ angled UTP component level jack (punchdown) *MT66-SLJK+*

LJ6C angled module only colour white *MT50-SLOA*

## Mini6 unloaded keystone panel

24 port 1U  
with cable management *MT66-CM24IUBK*

48 port 2U  
with cable management *MT66-CM482UBK*

Black panel with clip-on cable management bar accepts all keystone style jacks including shielded type. Panel has good earthing connections.



## Mini6 modular/punchdown UTP patch panels

24 port 1U loaded with component level black Cat6 UTP jacks and clip on strain relief bar *MT66-CP241UPLUS*

48 port 2U loaded with component level black Cat6 UTP jacks and clip on strain relief bar *MT66-CP482UPLUS*

Blank for unused positions in panel *MT66-BLNK*



## Mini6 UTP thru coupler panel

24 port 1U with jacks & clip on strain relief bar *MP24TP6J*

48 port 2U with jacks & clip on strain relief bar *MP48TP6J*

Mini6 Cat6 UTP panels are a modular design and are available with or without connectors fitted. Each panel comes complete with cable strain relief bar, plastic slide-in label field below the ports.



## Mini6 punchdown UTP patch panel

24 port 1U *MT66-CP2490*

48 port 1U high density *MT66-CP4890*

Component level panels feature built-in cable management and port shutters as standard. CT19/28 tooling recommended.



Mini6 25 year warranty covers only 'component level' jacks and panel products when installed by an approved partner.



## Mini6 CAT6 UTP LSOH patch leads with moulded boots

### Length

0.5Mtr	PCTB6005**
1Mtr	PCTB6010**
1.5Mtr	PCTB6015**
2Mtr	PCTB6020**
3Mtr	PCTB6030**
5Mtr	PCTB6050**
7.5Mtr	PCTB6075**
10Mtr	PCTB6100**
15Mtr	PCTB6150**
20Mtr	PCTB6200**

\*\* For coloured patch leads suffix with first and last letter of colour, for Anti-Tangle (Snagless) also add **AT**, Black = BK, Orange = OE, Purple = PE, Pink = PK, White = WE, Blue = BE, Green = GN, Red = RD, Yellow = YW, No suffix required for grey.

Example: Red 2Mtr = PCTB6020RD. Staggered internal contact design within the high performance RJ45 plug & LSOH cable. Flush moulded boots ensure that they can be connected to any RJ45 socket. All cables made with Cat6 patch cable with internal pair separator.



## Mini6 CAT6 solid cable

### Mini6 CAT6 (305Mtr boxes)

Cat6 UTP grey LSOH	UTP4M6SB-LS
Cat6 UTP violet LSOH	UTP4M6SB-LSVT
Cat6 UTP black external	UTP4M6SB-EXT

Low cost solid cable in 305Mtr easy pull boxes. Metre marked from 305Mtrs downwards to determine how much cable is left in a part used box. Approved for use in the Mini5/6 25 year system warranty programme. Copper 23AWG. See independently verified test certificates on p8.



## Mini6 CAT6 patch cable

### Mini6 Cat6 UTP patch

Grey LSOH (305Mtr box)	UTP4M6PBL-S
Blue LSOH (305Mtr box)	UTP4M6PBL-SBE
Red LSOH (305Mtr box)	UTP4M6PBL-SRD

Stranded patch cable in 305Mtr boxes without internal pair separator.

## Mini6 CAT6 Transition Point

Cat6 UTP	<i>MT66-C6EB</i>
Cat6 STP	<i>MT66-C6ES</i>

For punching down and joining two ends of CAT6 cable. Dual punchdown blocks.



## Mini6 CAT6 Couplers

### Free hanging couplers

RJ45 CAT6 UTP (Black)	<i>RJ45FCBE6</i>
RJ45 CAT6 STP	<i>RJ45FCBS6</i>



Free Hanging

### Panel mount couplers

RJ45 CAT6 UTP (Black)	<i>RJ45PCBK6J</i>
RJ45 CAT6 STP	<i>RJ45PCSH6J</i>

For thru coupler panels see page 11.



Panel Mount

Mini6A designed to provide a 10Gig system (10G base-T) in a modular shielded solution.



### Cat6A STP Jack (10GBase-T)

10 gig STP jack *MT66-TGSJ*

Fully shielded tool less 10 gig jack suitable for both panel and wall plate modules (MT50-SAMO). Recommended use with the bevelled frames for lower depth in the back box. Used with Mini6A cable (shown below). A 25 year system warranty is available.



### Cat6A Modular Panel (10GBase-T)

24 port with cable management *MT66-SP24IUBK*

Black panel with each port individually numbered to accept 10 gig shielded jack MT66-TGSJ. Cable management bar provided to support the additional weight of the Cat6A shielded cable.



### Cat6A Shielded Cable (10GBase-T)

F/UTP LSOH grey 500mtr *R7291A*

F/UTP LSOH violet 500mtr *FUTP4M6SB-VT*

Available in grey (manufactured by Acome) or violet/purple a Mini6 product. Both products meet IEC61156-5 standard IS11801/EN50173.



### Cat6A Shielded Patch Cable (10GBase-T)

1 mtr *PCTS6010A*

1.5mtr *PCTS6015A*

2mtr *PCTS6020A*

3mtr *PCTS6030A*

5mtr *PCTS6050A*

10mtr *PCTS6100A*

Manufactured in LSOH grey cable. Meets EIA/TIA 568B and ISO/IEC 11801 standards, class E connector channel 500Mhz (10G Base-T) colours available to special order.

**MINI5/6 FIBRE PATCH PANELS, CABLES & ACCESSORIES**

Multimode (OM1/2/3) and Single mode (OS1) patch panels, cables, connectors and accessories to compliment the Cat5e and Cat6 structured cabling solutions.

**Mini5 1U Sliding Tray Fibre Panels (unloaded)**

16 ST slots	<i>MAT107SP16</i>
24 ST slots	<i>MAT107SP23</i>
24 LC duplex slots	<i>MAT107SP22</i>
12 SC duplex slots	<i>MAT107SP18</i>
24 SC duplex slots	<i>MAT107SP24</i>

All panels are 1U and black powder coated finish, supplied with basic cable management kit comprising of 20mm gland & self adhesive fibre support. NB: The SC duplex slots also accept LC quad couplers. All LC and SC connectors fit flush in a double skin arrangement.

**Mini5 1U Sliding Tray Fibre Panels (loaded) ST****ST non flush fitting**

4 ST multimode OM1/2	<i>MAT107SP16CO4</i>
8 ST multimode OM1/2	<i>MAT107SP16CO8</i>
16 ST multimode OM1/2	<i>MAT107SP16C</i>
24 ST multimode OM1/2	<i>MAT107SP23C</i>

**Mini5 1U Sliding Tray Fibre Panels (loaded) SC and LC****SC/LC flush fitting**

4 SC multimode OM1/2 ports	<i>MAT107SP18CO4</i>
8 SC multimode OM1/2 ports	<i>MAT107SP18CO8</i>
24 SC multimode OM1/2 ports	<i>MAT107SP18C</i>
48 SC multimode OM1/2 ports	<i>MAT107SP24C</i>
24 LC multimode OM1/2 ports	<i>MAT107SP22C12</i>
48 LC multimode OM1/2 ports	<i>MAT107SP22C</i>

**Multimode OM3/4 & Singlemode OS1**

4 SC OM3/4 or OS1 ports	<i>MAT107SP18CSO4</i>
8 SC OM3/4 or OS1 ports	<i>MAT107SP18CSO8</i>
24 SC OM3/4 or OS1 ports	<i>MAT107SP18CS</i>
48 SC OM3/4 or OS1 ports	<i>MAT107SP24CS</i>
24 LC OM3/4 or OS1 ports	<i>MAT107SP22C12</i>
48 LC OM3/4 or OS1 ports	<i>MAT107SP22CS</i>

Pre-loaded SC or LC coupler connectors for multimode OM1/2 or singlemode OS1 and multimode OM3/4 applications. All panels supplied with gland kits and cable management spools.





## Mini5 Wall Mount Enclosures

### Single door enclosure

24 Port ST Unloaded *WMC24STD*

12 Port SC smplx Unloaded *WMC12SCD*

### Double door enclosure

48 Port ST Unloaded *WMC48STD*

36 Port SC dplx Unloaded *WMC36SCD*

For LC panels please order the SC style and fit with LC quad couplers: FCLC-QDP. Wall mounted breakout boxes manufactured in high grade mild steel and powder coated grey for a durable finish. Two compartments, one for cabling into the other for patching. Fibre couplers & cable management purchased separately. Couplers shown on next page.



## Mini5 Splice Holder & Protectors

6 way fusion splice holder *FSPH-06*

24 way fusion splice holder *FSPH-24*

24 way splicing tray *MT-FAST02*

45mm splice protector *FSP45CR*

61mm splice protector *FSP61CR*

Fibre splice protectors available in two sizes, clear heat shrinkable and locate within the 6 or 24 position splice holders. Self adhesive backs then allow easy fitting to the fibre panel.



## Cable Management Accessories

20mm black gland *MT-GD20BK*

Cable management spool *MAT107-SPOOL*

## Mini5 ST Couplers & Blanks

ST Multimode	<i>FCST-APB</i>
ST Singlemode	<i>FCST-APBS</i>
ST Blank	<i>FCST-BLNK</i>



## SC Simplex Couplers & Blanks

SC Multimode beige OM1/2	<i>FCSC-APB-BE</i>
SC OS1, OM3/4 blue	<i>FCSC-APBS</i>
SC Simplex Blank	<i>FCSC-SBLNK</i>



## SC Duplex Couplers & Blanks

SC Multimode Beige OM1/2	<i>FCSC-DPB-BE</i>
SC OS1, OM3/4 Blue	<i>FCSC-DPBS</i>
SC Duplex Blank	<i>FCSC-DBLNK</i>



## Mini5 LC Couplers

LC Multimode Duplex Beige OM1/2	<i>FCLC-DPBSC</i>
LC OS1, OM3/4 Duplex blue	<i>FCLC-DPBSCS</i>
LC Multimode Quad Beige OM1/2	<i>FCLC-QDB</i>
LC OS1, OM3/4 Quad blue	<i>FCLC-QDBS</i>

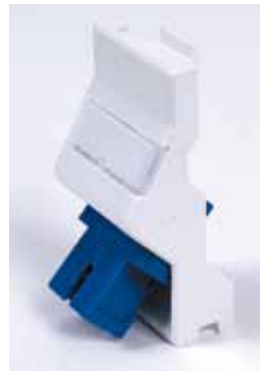
The LC couplers have SC cutout sizes and will fit SC panels for ultra high density.



## Fibre Modules

Fibre ST Module OM1/2	<i>MT50-AMST*</i>
Fibre SC Simplex OM1/2	<i>MT50-AMSC*</i>
Fibre LC Duplex OM1/2	<i>MT50-AMLC*</i>

Angled 25x50mm modules with label window. For singlemode OS1 or multimode OM3/4 please suffix with -S.





### Mini5 ST Epoxy Connectors

Multimode *MTFC-STMM*

Singlemode *MTFC-STSM*

Ceramic ferrules with 3mm boots supplied as standard, 900 Micron boot also available.



### Mini5 SC Epoxy Connectors

Multimode 900micron pigtail *MTFC-SCSMP*

Singlemode 900micron pigtail *MTFC-SCSSP*

Multimode 3mm boot *MTFC-SCSMM*

Singlemode 3mm boot *MTFC-SCSSM*

Ceramic ferrules with 3mm boots or 900 Micron boot for pigtails. Duplex clip allows two connectors to be fitted together.



### Mini5 LC Epoxy Connectors

Multimode 900micron pigtail *MTFC-LCSMP*

Singlemode 900micron pigtail *MTFC-LCSSP*

Multimode 3mm boot *MTFC-LCSMM*

Singlemode 3mm boot *MTFC-LCSSM*

Ceramic ferrules with 3mm boots or, 900 Micron boot for pigtails. Duplex clip allows two connectors to be fitted together.



### Epoxy/Tooling SC/ST Kit

Basic kit *MT-3032*

For SC & ST only, for LC you will need to add an additional LC polishing puck. Tool kit comprises of the following: scribe, syringe, cable stripper, glue, cleanser, kevlar cutter, polishing pad, polishing film, wipe paper crimp tool & SC/ST puck.

## MULTIMODE TWIN-ZIP 3MM FIBRE PATCH CABLES

**ST-LC Multimode**

1.0Mtr dplx 62.5/125	<i>FPC-STLC01*</i>
2.0Mtr dplx 62.5/125	<i>FPC-STLC02*</i>
3.0Mtr dplx 62.5/125	<i>FPC-STLC03*</i>
5.0Mtr dplx 62.5/125	<i>FPC-STLC05*</i>
10 Mtr dplx 62.5/125	<i>FPC-STLC10*</i>

\*Suffix with -50 for OM2 50/125 orange dplx fibre or DC3 for OM3 purple.

**SC-LC Multimode**

1.0Mtr dplx 62.5/125	<i>FPC-SCLC01*</i>
2.0Mtr dplx 62.5/125	<i>FPC-SCLC02*</i>
3.0Mtr dplx 62.5/125	<i>FPC-SCLC03*</i>
5.0Mtr dplx 62.5/125	<i>FPC-SCLC05*</i>
10 Mtr dplx 62.5/125	<i>FPC-SCLC10*</i>

\*Suffix with -50 for OM2 50/125 orange dplx fibre or DC3 for OM3 purple.

**LC-LC Multimode**

1.0Mtr dplx 62.5/125	<i>FPC-LC01*</i>
2.0Mtr dplx 62.5/125	<i>FPC-LC02*</i>
3.0Mtr dplx 62.5/125	<i>FPC-LC03*</i>
5.0Mtr dplx 62.5/125	<i>FPC-LC05*</i>
10 Mtr dplx 62.5/125	<i>FPC-LC10*</i>

\*Suffix with -50 for OM2 50/125 orange dplx fibre or DC3 for OM3 purple.

**SC-SC Multimode**

1.0Mtr	<i>FPC-SC01*</i>
2.0Mtr	<i>FPC-SC02*</i>
3.0Mtr	<i>FPC-SC03*</i>
5.0Mtr	<i>FPC-SC05*</i>
10 Mtr	<i>FPC-SC10*</i>

\*Suffix with -50 for OM2 50/125 orange dplx fibre or DC3 for OM3 purple.



SINGLEMODE TWIN-ZIP 3MM FIBRE PATCH CABLES



**SC-SC 9/125 OS1 Duplex**

1.0Mtr dplx yellow	FPC-SC01S
2.0Mtr dplx yellow	FPC-SC02S
3.0Mtr dplx yellow	FPC-SC03S
5.0Mtr dplx yellow	FPC-SC05S
10 Mtr dplx yellow	FPC-SC10S



**SC-FC 9/125 OS1 Duplex**

1.0Mtr dplx yellow	FPC-SCFC01S
2.0Mtr dplx yellow	FPC-SCFC02S
3.0Mtr dplx yellow	FPC-SCFC03S
5.0Mtr dplx yellow	FPC-SCFC05S
10 Mtr dplx yellow	FPC-SCFC10S



**SC-ST 9/125 OS1 Duplex**

1.0Mtr dplx yellow	FPC-SCST01S
2.0Mtr dplx yellow	FPC-SCST02S
3.0Mtr dplx yellow	FPC-SCST03S
5.0Mtr dplx yellow	FPC-SCST05S
10 Mtr dplx yellow	FPC-SCST10S



**SC-LC 9/125 OS1 Duplex**

1.0Mtr dplx yellow	FPC-SCLC01S
2.0Mtr dplx yellow	FPC-SCLC02S
3.0Mtr dplx yellow	FPC-SCLC03S
5.0Mtr dplx yellow	FPC-SCLC05S
10 Mtr dplx yellow	FPC-SCLC10S



**LC-LC 9/125 OS1 Duplex**

1.0Mtr dplx yellow	FPC-LC01S
2.0Mtr dplx yellow	FPC-LC02S
3.0Mtr dplx yellow	FPC-LC03S
5.0Mtr dplx yellow	FPC-LC05S
10 Mtr dplx yellow	FPC-LC10S

## ST Pigtails

ST 9/125 OS1	<i>FPC-STP01S</i>
ST 62.5/125 OM1	<i>FPC-STP01</i>
ST 50/125 OM2	<i>FPC-STP01-50</i>
ST 50/125 OM3	<i>FPC-STP01-3</i>

Fibre pigtails manufactured with 1mtr of 900 micron cable. Other lengths manufactured to order.



## SC Pigtails

SC 9/125 Singlemode OS1	<i>FPC-SCP01S</i>
SC 62.5/125 Multimode OM1	<i>FPC-SCP01</i>
SC 50/125 Multimode OM2	<i>FPC-SCP01-50</i>
SC 50/125 Multimode OM3	<i>FPC-SCP01-3</i>

Fibre pigtails manufactured with 1mtr of 900 micron cable. Other lengths manufactured to order.



## LC Pigtails

LC 9/125 Singlemode OS1	<i>FPC-LCP01S</i>
LC 62.5/125 Multimode OM1	<i>FPC-LCP01</i>
LC 50/125 Multimode OM2	<i>FPC-LCP01-50</i>
LC 50/125 Multimode OM3	<i>FPC-LCP01-3</i>

Fibre pigtails manufactured with 1mtr of 900 micron cable. Other lengths manufactured to order.





## MINI5/6 VOICE, HARDWARE & ACCESSORIES

A range of voice products, floor and wall mounted enclosures together with power distribution units to support both the Cat5e and Cat6 solutions. Accessories include termination tooling and basic continuity testers.

### CW1308 Voice cable

10 pair LSF white internal	<i>CW1308-020E</i>
25 pair LSF white internal	<i>CW1308-050E</i>
50 pair LSF white internal	<i>CW1308-100E</i>
100 pair LSF white internal	<i>CW1308-200E</i>
10 pair PE int/ext black	<i>CW1308B-020E</i>
25 pair PE int/ext black	<i>CW1308B-050E</i>
50 pair PE int/ext black	<i>CW1308B-100E</i>
100 pair PE int/ext black	<i>CW1308B-200E</i>

Voice cable supplied cut to length. Both types shown have earth wire as standard.



### Voice Panels

50 port 1U voice panel	<i>MP50-1UTEL3</i>
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3 pair voice panel suitable for use with digital or analogue systems. Compatible with LSA/Krone style punch down tools on page 15. Numbered ports and rear cable management.



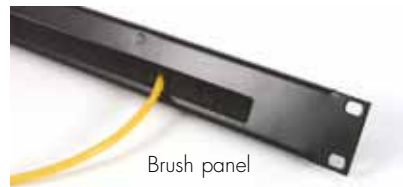
### Filler panels & brush panels

1U filler panel	<i>PPB-1UB</i>
2U filler panel	<i>PPB-2UB</i>
3U filler panel	<i>PPB-3UB</i>
4U filler panel	<i>PPB-4UB</i>

1U brush panel	<i>HBBE-1U</i>
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Filler panels reserve rack space for future use & help keep installations manageable by acting as a divider between devices.

Brush panels give a neat appearance when patching from front to back within a rack.





## RJ12 jack (dual punch down)

*MT50-RJ12*

6 position 6 contact jack snaps into Mini5 25x50mm wallplate modules, MT50-SAMO or MT50-4000. CT28/CT19 tooling recommended.



Free Hanging

Reducers

## RJ12/45 Couplers & Reducers

### Free hanging couplers

RJ45 CAT4 UTP (Beige) *RJ45FCBE*

RJ12 6 contact (Black) *RJ11FCBE*

For thru coupler panels see page 8.

### Reducers

Reduces mating face of 6 position RJ12 to RJ11 4 position *RJC64*

Reduces mating face of 8 position RJ45 to RJ12 6 position *RJC86BK*

Reducer snaps into couplers mating face.



## RJ45 T adapters

3 x RJ45 female *RJ45T3F*

2 RJ45 females - 1 x male *RJ458P8CT*



## RJ11 - BT adapters

RJ11 skt - 4 way BT plug *30244045*

RJ11 plug - 4 way BT skt *30244039*



CT37

CT33

## Mini5 UTP/STP cable strippers

Mini5 cyclops cable stripper *CT37*

Mini5 cable stripper *CT33*

Mini5 cyclops tool (CT37) strips UTP & STP cable, simply insert cable & rotate. Mini5 CT33 tool strips UTP/STP cable & 2/4/6/8 pair flat cable used with RJ plugs.

## Data/Voice adapters

### Leaded adapters

Secondary leaded	DVA-WSEC
PABX leaded	DVA-WPBX
Full master leaded	DVA-PSTN

### Switchable leaded adapter

Secondary/PABX	DVA-SWITCH
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Allows telephone equipment with BT plugs to be connected to an RJ45 cabling network.

Leaded versions are RJ45 plug to BT socket.

The switchable version is ideal when it is not known beforehand which type of adapter is needed to connect to the phone system. It may be changed between secondary or PABX at the flick of a switch.



Leaded



Switchable leaded

## Tool Kits

### Kit contains:

1 x RJ45 UTP/STP continuity tester,  
BNC coax tester, RJ12/45 crimp  
tool, UTP/STP stripping tool,  
LSA/110 plastic service punch  
down tool, 20 x RJ12 plugs,  
20 x RJ45 UTP plugs, 20 x RJ45  
STP plugs, 20 x RJ45 grey boots

**MT-TKIT-RJ**

1 x RJ45 UTP/STP & BNC co-ax  
cable continuity tester,  
RJ12/45 crimp tool, UTP/STP  
stripping tool, 110 punch  
down tool.

**MT-TKIT-LAN**

CAT5e, voice termination kit complete  
with crimper, stripper, punchdown  
and continuity tester.

**MT-TKIT-COM**



## Punch down tools

Mini5 Krone compatible punch  
down tool (impact style)

**CT19**

Mini5 punch down tool for Mini5/6 modules,  
Mini5 patch panels &  
Krone compatible products.

**CT28**

Mini5 110 punch down tool

**CT110**

All the above tools terminate & cut wires.





### Mini5 Wall Boxes with Side Doors

600 Wide x 450mm Deep

6u	MT-WCAB06450BK
9u	MT-WCAB09450BK
12u	MT-WCAB12450BK
15u	MT-WCAB15450BK

### Mini5 Wall Boxes with Side Doors

600 Wide x 560mm Deep

6u	MT-WCAB06560BK
9u	MT-WCAB09560BK
12u	MT-WCAB12560BK
15u	MT-WCAB15560BK

Features include;

- \* Perspex lockable front Door
- \* Cable entry gland plates.
- \* Vented top & bottom.
- \* Adjustable Front Profiles.
- \* Removable lockable side doors
- \* U height markings on profiles
- \* Front and rear profiles
- \* Punch out large rear section



### Mini5 Flat Pack Wall Boxes

600 Wide x 450mm Deep

6u	MT-FPW06450BK
9u	MT-FPW09450BK
12u	MT-FPW12450BK

600 Wide x 500mm Deep

6u	MT-FPW06500BK
9u	MT-FPW09500BK
12u	MT-FPW12500BK

- \* Low cost
- \* Fast assembly
- \* Glass lockable front door
- \* Vented top & bottom.
- \* Slotted Front Profiles.
- \* Colour black.

## Mini5 Floor Standing Enclosures

	600W x 600D	600W x 800D
15U	MT-ENC1566	-
18u	MT-ENC1866	MT-ENC1868
24u	MT-ENC2466	-
27u	MT-ENC2766	MT-ENC2768
39u	MT-ENC3966	MT-ENC3968
42u	MT-ENC4266	MT-ENC4268
47u	MT-ENC4766	MT-ENC4768
	800W x 600D	800W x 800D
18u	MT-ENC1886	MT-ENC1888
27u	MT-ENC2786	MT-ENC2788
39u	MT-ENC3986	MT-ENC3988
42u	MT-ENC4286	MT-ENC4288
47u	MT-ENC4786	MT-ENC4788

## Server Enclosures

	600W x 1000D	800W x 1000D
18u	MT-ENC1861	MT-ENC1881
27u	MT-ENC2761	MT-ENC2781
42u	MT-ENC4261	MT-ENC4281
47U	MT-ENC4761	MT-ENC4781

Affordable UK manufactured enclosures.

Attractively styled with lockable glass front door, lockable removable side & rear doors. Complete with transit castors & feet.





## Enclosure Accessories

### Direct Mount Shelves

450mm deep (Max 50kg)	MT-SHE450
570mm deep (Max 50kg)	MT-SHE570
670mm deep (Max 50kg)	MT-SHE670
720mm deep (Max 50kg)	MT-SHE720
820mm deep (Max 50kg)	MT-SHE820
450mm deep (Max 100kg)	MT-SHE450HD
570mm deep (Max 100kg)	MT-SHE570HD
670mm deep (Max 100kg)	MT-SHE670HD
720mm deep (Max 100kg)	MT-SHE720HD
820mm deep (Max 100kg)	MT-SHE820HD

### Telescopic Shelf

570mm deep	MT-TEL570
670mm deep	MT-TEL670
720mm deep	MT-TEL720
820mm deep	MT-TEL820

**Baying Kit** MT-BAYK

**Keyboard Drawer** MT-TELKEY

### Plinths

600(w) x 600(d)	MT-PLI66
600(w) x 800(d)	MT-PLI68
800(w) x 600(d)	MT-PLI86
800(w) x 800(d)	MT-PLI88
600(w) x 1000(d)	MT-PLI61
800(w) x 1000(d)	MT-PLI81

### Fan Trays

Roof mount 2 Way	MT-FANT2
Roof mount 4 Way	MT-FANT4
Rack mount 2 Way	MT-FAN2RM
Rack mount 3 Way	MT-FAN3RM

**Earth bonding kit** MT-EBK

### Cable management rings

45x65mm (fits to profiles)	MT-JUM4565
100x90mm (fits to vertical side management on 800mm wide cabs)	MT-JUM10090

### Heavy Duty Castors

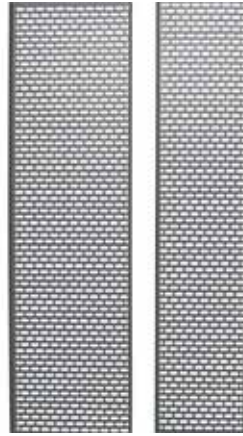
Heavy duty castors MT-CASHD

## Enclosure Accessories (cont.)

### Cable Trays

15u	CT15**
18u	CT18**
24u	CT24**
27u	CT27**
39u	CT39**
42u	CT42**
47u	CT47**

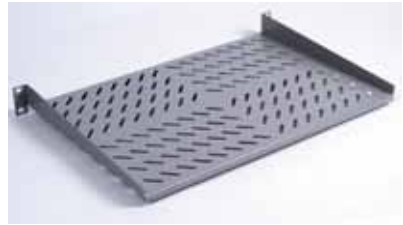
\*\* Substitute with required width, 150 or 300mm  
eg CT42150.



## Mini5 Modem Shelves

200mm depth 1U grey	MTV200
300mm Depth 1U grey	MTV300
300mm Depth 1U black	MTV300BK
300mm Depth 2U grey	MTV300-2U
400mm Depth 2U grey	MTV400
500mm Depth 2U grey	MTV500

Modem shelves are mounted to the front profiles.  
Suitable for floor standing enclosures and wall cabinets.



## Mini5 Wall Brackets

2U 220mm Depth	HWB-2
3U 220mm Depth	HWB-3
4U 220mm Depth	HWB-4
5U 220mm Depth	HWB-5
6U 220mm Depth	HWB-6
8U 220mm Depth	HWB-8

19" hinged wall mount brackets for panels or hubs  
where a wallbox is not required.



## Mini5 cage nuts

Pack of 50 with bright 10mm screws (shown right)	EAC11
Pack of 50 with black 16mm screws	EAC11BK





## Cable tidy panels

1U with 4 metal rings	<i>HJRP-1U70</i>
1U with 5 metal rings	<i>HJRP5-1U</i>
2U with 4 metal rings	<i>HJRP4-2U</i>

Mini5 cable tidy panels are a cost effective way of managing patch cables.



## Back boxes

### Standard back boxes (PVC) surface

Single gang 21mm deep	<i>DP1-21PWB</i>
Single gang 32mm deep	<i>DP1-32PWB</i>
Single gang 45mm deep	<i>DP1-45PWB</i>
Double gang 32mm deep	<i>DP2-32PWB</i>

### Dry lining back boxes

Single gang 35mm deep	<i>DP1-35PWB-DL</i>
Single gang 46mm deep	<i>DP1-46PWB-DL</i>
Double gang 35mm deep	<i>DP2-35PWB-DL</i>
Double gang 46mm deep	<i>DP2-46PWB-DL</i>

Dry lining back boxes snap into cavity walls.

Popular PDUs shown below. For other variants see next page.



### Horizontal PDU UK 13AMP

4 port	<i>PHE0413A0313AN</i>
5 port	<i>PHE0513A0313AN</i>
6 port	<i>PHE0613A0313AN</i>
7 port	<i>PHE0713A0313AN</i>

13AMP chassis mounted sockets with 13AMP UK mains plug fitted on 3Mtrs of cable. Maximum number of chassis mount connectors is 7. 1U height.



### Horizontal PDU IEC Sockets

4 port	<i>PHE04IEC03IETN</i>
6 port	<i>PHE06IEC03IETN</i>
8 port	<i>PHE08IEC03IETN</i>
10 port	<i>PHE10IEC03IETN</i>
12 port	<i>PHE12IEC03IETN</i>
16 port (unswitched)	<i>PHE16IEC03IETN</i>

IEC 10AMP chassis sockets with 10AMP IEC plug fitted to UK 3Mtr mains cable Maximum number of chassis mount connectors is 16. 1U height.



### Vertical PDU UK13 AMP

6 port	<i>PVR0613A0313AN</i>
8 port	<i>PVR0813A0313AN</i>
10 port	<i>PVR1013A0313AN</i>
12 port	<i>PVR1213A0313AN</i>
15 port	<i>PVR1513A0313AN</i>

13AMP chassis mounted sockets with 13AMP UK mains plug fitted on 3Mtrs of cable. Maximum no of chassis mount connectors is 15. 1U height.



### Mains 3 Pin Plug to IEC 5AMP socket

2Mtr	<i>IEC-2-BLK</i>
3Mtr	<i>IEC-3-BLK</i>

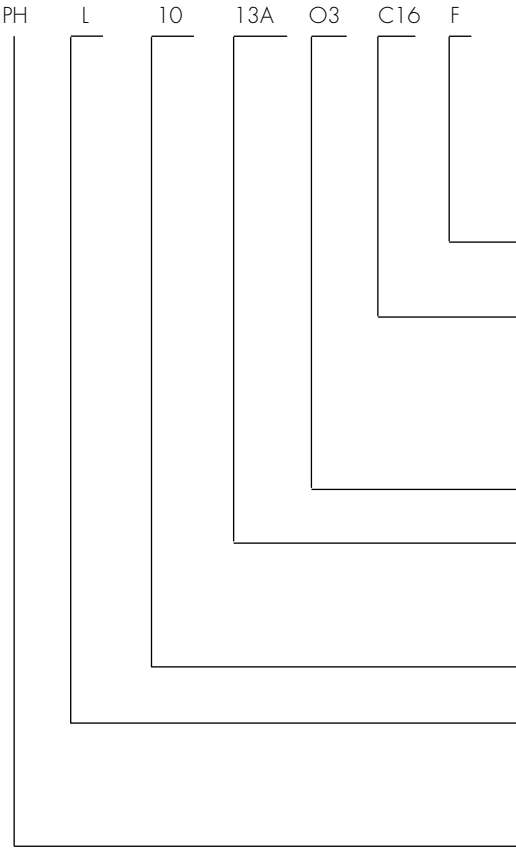
Moulded Black PVC with 3 pin UK plug on one end & the other with C13 socket rated at 5 AMPS.

### Mains IEC C13 to C14 cables

2Mtr	<i>IEC/CEE22</i>
3Mtr	<i>IEC/CEE23</i>



The new range of Mini5 PDUs all come with a hinged cover over the mains switch to prevent accidental switching on/off. They are specifically designed to fit all makes of wall and floor standing enclosures. Popular styles are kept in stock, non standard are made to order.



**N** = No Filter  
**F** = Filter

**Style of Connector fitted to cable:**

- IET = IEC 10AMP (C14) plug
- IES = IEC 16AMP (C20) plug
- 13A = Standard UK plug
- C16 = Commando (BS4343) 16 AMP style
- C32 = Commando (BS4343) 32 AMP style

**Cable Length (Mtrs)**

**Style of Connector fitted to chassis:**

- IET = IEC 10 AMP (C13) individually fused
- IEC = IEC 10AMP (C13) Socket
- 13A = Standard UK socket

**No of chassis connectors fitted**

**Chassis mounting Fittings:**

- E = Horizontal 19inch panel mount
- L = Vertical left hand mounting ears
- R = Vertical right hand mounting ears

- PH = Horizontal Rack Mounted
- PV = Vertical Rack Mounted

## Mains UK Extension Cables

Without neon indicator

1 gang 5mtr *ES050M5*

4 gang 1mtr *ES053M1*

With neon indicator

2 gang 5mtr *ES052M5*

4 gang 2mtr *ES053M2*

4 gang 5mtr *ES053M5*

6 gang 5mtr *ES054M2*

Antisurge

4 gang 2mtr *ESUES05*

6 gang 2mtr *ES510HC*



## Mini5 low cost floor box (3 compartment)

3 compartment floor box with  
1 x twin switched 13 amp UK socket  
plate, 1 x blank plate & 1 x plate  
with 4 x 1J6C cut outs

*MTFB-3*

### Extra Plates for 3 compartment box

Plate with 2 x 13 amp UK  
switched sockets

*MTFB-P13A23*

Blank plate

*MTFB-PBLA3*

Plate with 4 x 1JU6C  
(37x22mm)cut outs

*MTFB-PLJU43*

Plate with 2 x 86x86mm cut outs  
for single gang wallplates

*MTFB-PTD3W*

Knockouts for conduit/cable entry.

Overall dimensions:

310 x 220 x 100mm depth.

Floor panel cut out: 292 x 201mm





### Mini5 RJ45/BNC/USB Tester

Mini5 RJ45/BNC tester *MT1045USB*

This 3in1 continuity tester can be used on twisted pair, co-ax & USB cables. LED Indication and one button operation.



### Mini5 RJ45/BNC Tester

Mini5 RJ45/BNC tester *MT1045N*

Low cost 2 part RJ45 continuity test set with LED indicators for both main & remote unit. Simple one button testing.



### Mini5 hook & loop cable ties

200mm length black *MTVT-200BKN*

300mm length black *MTVT-300BKN*

Supplied in packs of 25. Re-useable & do not damage fibre/copper cable.



### Mini5 Nylon cable ties

100mm length x 2.5mm wide *NT100\**

142mm length x 3.2mm wide *NT142\**

203mm length x 3.2mm wide *NT203\**

292mm length x 3.6mm wide *NT292\**

\*Add B to the end of the part number for black or N for natural. Supplied in packs of 1000. Self locking non releasable. Flame retardant UL94V-2.

**MINI5/6 SOHO RESIDENTIAL CABLING**

Cat5e or Cat6 together with voice solutions in a 10 inch wall mounted enclosure.  
Designed for applications where space is at a premium or for an entry level residential data and voice installation.

**Mini5 SOHO 10" Wall cabinet**

8U grey	<i>MPG08F</i>
8U black	<i>MPE08F</i>
12U black	<i>MPE12F</i>

Soho 10" cabinet with opening side doors, lockable glass framed front door, knock-outs top & bottom and top "air fan hole." 410mm depth.

**Mini5 SOHO 10" Coax Panels**

F Series 12 port 1U loaded coupler panel	<i>MP12-CFTC</i>
Unloaded 12 port 1U panel for BNC couplers	<i>MP12-C13</i>
BNC couplers for above	<i>1323529INS-75</i>

**Mini5 SOHO 10" Cable Management***MP1-CM3*

1U cable management bar with 3 x D rings and cable pass through slots.

**Mini5 SOHO 10" Blank Panels**

1U blank panel	<i>MP1-BP1</i>
1U blank panel with cable management slot	<i>MP1-BP1S</i>

For filling unused positions within a cabinet. The slotted blank can be used to manage either external cables or patch cables.

**Mini5 SOHO 10" Shelf**

1U x 150mm depth	<i>MP1-S150</i>
150mm depth shelf mounts onto front profiles of 10" cabinet.	





## Mini5 SOHO 10" PDU

3 position PDU *MTSHPF3-SOHO*  
 Power Distribution Unit with 3 x UK three pin sockets and 3 pin plug on a 2Mtr lead. Horizontally rack mounted and 1U height. Maximum current 5 amps.



## Mini5/6 10" SOHO Modular Panel

8 position 1U modular panel *MP08-M1U*  
 Cat5e UTP snap in punch down jack *MT50-CAT5E*  
 Cat5e STP snap in punch down jack *MT50-CAT5ES*  
 Cat5e UTP through coupler *RJ45PCBK5J*  
 Cat6 UTP snap in tool less jack *MT66-T180BK+*  
 Cat6 UTP through coupler *RJ45PCBK6J*

Modular patch panel accepts snap in UTP and/or STP Cat5e, Cat6 or voice jacks. Dual 110/LSA compatible punch down jacks. Use punch down tool CT19 or CT28 on page 25.



## Mini5 SOHO 10" Cat5e UTP Patch Panels

8 position 1U *MP08-KRO-C5EBK*  
 12 position 1U *MP12-KRO-C5EBK*

Dual 110/LSA compatible punch down panels. Numbered ports with "write on" label field. Use punch down tool CT19 or CT28 on page 25.



## Mini5 SOHO 10" Fibre Panel

Unloaded 1U fibre panel for  
 6 x SC duplex or 6 x LC  
 quad couplers *MP06-SCDU*  
 SC duplex M/mode coupler *FCSC-DPB-BE*  
 LC quad M/mode coupler *FCLC-QDB*  
 SC/LC coupler screws.  
 (2 required per coupler) *FCSC-SCREW*  
 Blank - fills unused positions *FCSC-DBLNK*

Sliding tray panel with provision for six couplers. Simply decide connector type and purchase the required number of couplers. Blanks available for unused positions. Up to 12 ports when using SC couplers or 24 ports with LC couplers.

## MINI5 AUDIO VISUAL CABLING

New to the Mini5 range is a comprehensive range of screw terminal, solder and coupler 25 x 50mm modules catering for HDMI, SVCA, Audio and RF applications. Suitable for the standard Mini5 frames.

### SVGA HD15 screw terminal module

Economy 25x50mm  
6 wire terminations *MTAV-SVGAWWE*

Professional 25x50mm  
15 wire terminations *MTAV-GH01WE*

Professional 25x50mm  
15 wire terminations *MTAV-GV01WE*

The professional range is available in two styles. The GH has horizontal screw terminations and the GV has vertical terminations. Both have module descriptions and heavy duty fixing clips unlike the economy version which has fewer screw terminals and has unmarked front plate.



### Composite audio visual screw terminal module

Economy 25x50mm white *MTAV-CRWYWE*

Professional 25x50mm white *MTAV-RCIOWE*

RCA red, white (audio) yellow (visual). One pair of screw terminals for each RCA connection. Professional module comes complete with port identification and heavy duty fixing clips. Economy is unmarked with standard clips.



### Component R.G.B screw terminal module

Economy 25x50mm white *MTAV-CRGBWE*

Professional 25x50mm white *MTAV-RC01WE*

RCA red, green, blue. One pair of screw terminals for each RCA connection. Professional module comes complete with port identification and heavy duty fixing clips. Economy is unmarked with standard clips.



### Audio RCA screw terminal module

Economy 25x50mm white *MTAV-AULRWE*

Professional 25x50mm white *MTAV-RB02WE*

RCA red, white. One pair of screw terminals for each RCA connection. Professional module comes complete with port identification and heavy duty fixing clips. Economy is unmarked with standard clips.





### Speaker post coupler module

Economy 25x50mm white	<i>MTAV-SPRBWE</i>
Professional 25x50mm white	<i>MTAV-AT01WE</i>

The professional range offers gold plated coupler posts with rear cable grub screw. Termination and port identification on the front of the module. The economy range is a bright nickel finish with rear cable grub screw termination.



### HDMI coupler module

Economy 180 degree rear entry white	<i>MTAV-HDM1WE</i>
Economy 90 degree rear entry white	<i>MTAV-HDM2WE</i>

Available only as the economy style, without port identification. Rear cable entry can be either 90 degree or 180 degree style. 25 x 50mm modules.



### Co-axial 'F' series module

Economy single 'F' coupler	<i>MTAV-RFFCWE</i>
Economy twin 'F' coupler	<i>MTAV-RFFTWE</i>
Professional single 'F' coupler	<i>MTAV-FT01WE</i>

Both economy and professional types are standard nickel plated couplers 25 x 50mm modules. The professional module comes complete with port identification and heavy duty clips. Economy is unmarked with standard clips.



### USB 2 wired coupler module

Professional A to A coupler	<i>MTAV-UA01WE</i>
Professional B to A coupler	<i>MTAV-UB01WE</i>

A to A (female to female) leaded cable style, B to A female B module to A female leaded cable style. Both are 25 x 50mm white modules with port identification and heavy duty mounting clips.

All Mini5 audio visual modules can be used in conjunction with Mini5/6 data modules and are designed to fit in UK and European Mini5 frames.



## MINI5/6 ETHERNET SWITCHES & CONVERTERS

Mini5 switches are designed and manufactured to a very high standard. The switches compliment both the of Mini5 & Mini6 structured cabling systems with a single brand solution from one manufacturer. Standard warranty period 12 months.

### Mini5 5 / 8 Port 10/100 Mbps switches

5 Port 10/100Mbps *MT-1605PE*

8 Port 10/100Mbps *MT-1608PE*

Micro sized 10/100Mbps switches with metal case & external power adapters. Ideal for under desk top applications. Dimensions: 133 x 144 x 22mm



### Mini5 16/24 Port 10/100 Mbps Switches

16 Port 10/100Mbps *MT-16TX*

24 Port 10/100Mbps *MT-24TX*

Entry level 19inch rack mounted switch with 10/100Mbps ports only. Low profile depth to accommodate shallow mounting. Dimensions 440 x 149 x 44mm



### Mini5 24 Port 10/100/1000 Mbps Gigabit Switch

24 Port Gigabit + 4 slots *MT-1624GM4*

LC Multimode GBIC (SX) *MGBIC-SX-P*

LC Singlemode GBIC (LX) *MGBIC-LX-P*

Non-managed 19 inch rack mount 24 port switch with 4 slots to accept gigabit fibre mini-GBICs. For each slot used one less UTP port becomes available. Dimensions: 440x130x44mm.





### Mini5 10/100Mbps Converter

Multimode	<i>MT-100C</i>
Singlemode	<i>MT-100C-15</i>

Attractively styled 10/100Mbps copper connection & dedicated 100Mbps SC fibre connection. External power supply or can be used with others within a 16 port chassis (MT-EMC1600) shown right. Dimensions: 109 x80 x24mm

### Mini5 Gigabit Converter

Multimode	<i>MT-1000TSC</i>
Singlemode	<i>MT-1000S-20</i>

Dedicated 1000Mbps copper/fibre SC converter for either multimode or singlemode applications. The later can used for distances up to 10Km. Both have external power supplies & can be used with the MT-EMC1600. Dimensions: 109 x80 x24mm

### Mini5 10/100/Gigabit Converter

Multimode	<i>MT-1100TSC</i>
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Auto-negotiating 10/100/1000Mbps on the copper port and a dedicated gigabit SC fibre port. Supplied with external power supply and can be used with the MT-EMC1600 chassis shown below. Dimensions: 109 x80 x24mm



### Mini5 16 Port Converter Chassis

240Volt	<i>MT-EMC1600</i>
110Volt	<i>MT-EMC1600-110</i>

Specifically designed to accept the range of Mini5 switched converters. Built in power supply available in either 110Volt or the standard 240 Volt, which in turn supplies the power to the individual units, eliminating the need for external power supplies. Dimensions: 440 x 235 x45mm



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Unit 5 Myson Way, Bishop's Stortford, Hertfordshire CM23 5JZ UK  
T: +44 (0) 1279 719050 F: +44 (0) 1279 653535

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